

Claims:

1. A thermoplastic composite comprising:
 - (a) a polyolefin;
 - (b) a cellulosic filler;
 - (c) a carboxylic acid and/or carboxylic acid anhydride graft polyolefin having an acid number greater than 15 mgKOH/g; and,
 - (d) a basic reactive filler present in an amount of 5-25 wt%, based on the weight of the composite.
2. The composite according to claim 1, wherein the acid number of the graft polyolefin is greater than 35 mgKOH/g.
3. The composite according to claim 1, wherein the acid number of the graft polyolefin is greater than 40 mgKOH/g.
4. The composite according to claim 1, wherein the acid number of the graft polyolefin is from 40-50 mgKOH/g.
5. The composite according to claim 1, wherein the graft polyolefin has a molecular weight of less than 50,000 g/mol.
6. The composite according to claim 1, wherein the graft polyolefin has a molecular weight of less than 20,000 g/mol.
7. The composite according to claim 1, wherein the graft polyolefin has a molecular weight of from 1000-10,000 g/mol.

8. The composite according to claim 1, wherein the graft polyolefin is present in an amount of up to 5 wt%, based on the weight of the composite.
9. The composite according to claim 1, wherein the graft polyolefin is present in an amount of 1-3 wt%, based on the weight of the composite.
10. The composite according to claim 1, wherein the carboxylic acid and/or carboxylic acid anhydride graft polyolefin is maleic anhydride graft polypropylene.
11. The composite according to claim 1, wherein the basic reactive filler is present in an amount of 8-20 wt%, based on the weight of the composite.
12. The composite according to claim 1, wherein the basic reactive filler is selected from the group consisting of CaO, MgO, Al₂O₃ and mixtures thereof.
13. The composite according to claim 1, wherein the polyolefin is present in an amount of 20-90 wt%, based on the weight of the composite.
14. The composite according to claim 1, wherein the polyolefin is polypropylene or polyethylene.
15. The composite according to claim 1, wherein the cellulosic filler is present in an amount of 30-80 wt%, based on the weight of the composite.
16. The composite according to claim 1, wherein the cellulosic filler is fibrous.
17. The composite according to claim 1, wherein the cellulosic filler is wood flour.
18. The composite according to claim 1, further comprising a secondary reinforcement, a lubricant, an impact modifier, a filler, a colorant, a pigment, an antioxidant, a stabilizer, a flame retardant, a reheat aid, a crystallization aid, an acetaldehyde reducing compound, a recycling release aid, an oxygen scavenger, a

plasticizer, a flexibilizer, a nucleating agent, a foaming agent, a mold release agent or a mixture thereof.

19. A thermoplastic composite comprising:

- (a) polypropylene;
- (b) a cellulosic filler;
- (c) maleic anhydride graft polypropylene having an acid number of greater than 35 mgKOH/g; and,
- (d) a basic reactive filler present in an amount of 8-20 wt%, based on the weight of the composite.

20. The composite according to claim 19, wherein the basic reactive filler is selected from the group consisting of CaO, MgO, Al₂O₃ and mixtures thereof.

21. The composite according to claim 20, wherein the maleic anhydride graft polypropylene has a molecular weight of less than 20, 000 g/mol.

22. The composite according to claim 21, wherein the maleic anhydride graft polypropylene is present in an amount of 1-3 wt%, based on the weight of the composite.

23. The composite according to claim 22, further comprising glass fibers.